

State of California
California Energy Commission
Minutes of the November 9, 2016, Energy Commission Business Meeting

The meeting was called to order by Chair Weisenmiller. The Pledge of Allegiance was led by Chair Weisenmiller.

Present:

Robert B. Weisenmiller, Chair
Karen Douglas, Commissioner
J. Andrew McAllister, Commissioner

David Hochschild, Commissioner
Janea A. Scott, Commissioner

1. CONSENT CALENDAR. (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
 - a. NATIONAL ASSOCIATION OF STATE ENERGY OFFICIALS (NASEO). Proposed resolution approving Agreement 160-16-001 with NASEO for a \$22,492 contract to formalize the Energy Commission's membership in NASEO. This one-year membership allows the Energy Commission staff to connect with key policy and decision makers, officials from other state and territorial energy offices, and affiliates from the private and public sectors. The membership also provides a forum to exchange information, ideas and resources, and to learn about new funding and partnership opportunities. (ERPA funding) Contact: Gretchen Kocinsky.
 - b. SOUTHERN CALIFORNIA GAS COMPANY'S (SoCalGas) REQUEST TO USE THE DATA COLLECTION AND ANALYSES COMPLIANCE OPTION. Proposed resolution approving SoCalGas's request to use the data collection and analyses compliance option under California Code of Regulations, Title 20, Section 1343(f), which allows utilities to participate in certain research projects, including the California Commercial End-Use Survey (CEUS), in lieu of completing the survey plans, surveys, and reports described in California Code of Regulations, Title 20, Sections 1343 (b)-(e). SoCalGas has requested to participate in the CEUS. Contact: Sylvia Bender.
 - c. PROSPECT SILICON VALLEY. Proposed resolution approving Amendment 1 to Grant Agreement EPC-14-083 with Prospect Silicon Valley to change a subcontractor and to make the related revisions to the budget, schedule, and scope of work. The Energy Commission reimbursable amount and the term of the agreement will not change under this amendment. Contact: Angela Gould.
 - d. GEOTHERMAL RESOURCES COUNCIL. Proposed resolution approving Agreement 500-16-003 with Geothermal Resources Council for a \$4,550 contract for a 2-year Sustaining membership. The Sustaining membership includes four seats/memberships to the Geothermal Resources Council. (GRDA funding) Contact: Natalie Lee.

Commissioner McAllister disclosed that because he is a member of the Board of NASEO, he will recuse himself from Item 1a. Commissioner Douglas moved and Commissioner Scott seconded approval of Items 1b-d. The vote was unanimous (5-0). Commissioner McAllister left the room before the vote of Item 1a. Commissioner Douglas moved and Commissioner Hochschild seconded approval of Item 1a. The vote was 4-0.

2. ENERGY COMMISSION COMMITTEE APPOINTMENTS. Possible approval of appointments to the Energy Commission's Standing Committees and Siting Case Committees. Contact: Kevin Barker. (Staff presentation: 5 minutes)

Item 2 was held. No action taken.

3. CITY OF GLENDALE. Proposed order approving the Executive Director's recommendation that the City of Glendale's Second Amendatory Power Sales Contract for the procurement of natural gas-fired combined cycle energy with Intermountain Power Agency be found compliant with the Emissions Performance Standard for Local Publicly Owned Electric Utilities pursuant to Senate Bill 1368 (California Code of Regulations, Title 20, Sections 2900-2913). Contact: Michael Nyberg. (Staff presentation: 5 minutes)

Commissioner Douglas moved and Commissioner Scott seconded approval of Item 3. The vote was unanimous (5-0).

4. CITY OF PASADENA. Proposed order approving the Executive Director's recommendation that the City of Pasadena's Second Amendatory Power Sales Contract for the procurement of natural gas-fired combined cycle energy with Intermountain Power Agency be found compliant with the Emissions Performance Standard for Local Publicly Owned Electric Utilities pursuant to Senate Bill 1368 (California Code of Regulations, Title 20, Sections 2900-2913). Contact: Michael Nyberg. (Staff presentation: 5 minutes)

Commissioner Douglas moved and Commissioner Scott seconded approval of Item 4. The vote was unanimous (5-0).

5. CITY AND COUNTY OF SAN FRANCISCO. Proposed resolution approving the city and county of San Francisco's locally adopted building energy standards to require greater energy efficiency than the 2016 Building Energy Efficiency Standards. The standards require that all newly constructed buildings of residential occupancy of 10 floors or less, as well as newly constructed buildings of nonresidential occupancy of 10 floors or less and greater than 2000 square feet in gross floor area install solar photovoltaic systems or solar thermal systems in the solar ready zone defined by the California Code of Regulations, Title 24, Part 6, Section 110.10. Contact: Ingrid Neumann. (Staff presentation: 5 minutes)

Commissioner McAllister moved and Commissioner Scott seconded approval of Item 5. The vote was unanimous (5-0).

6. ASSEMBLY BILL 1110 (AB 1110) IMPLEMENTATION RULEMAKING. Proposed Order Instituting Rulemaking to modify regulations governing the Power Source Disclosure Program, California Code of Regulations, Title 20, Section 1390 et seq. The rulemaking proceeding would consider changes to implement recently adopted AB 1110 (Ting, chapter 656, Statutes of 2016). Contact: Kevin Chou. (Staff presentation: 5 minutes)

Commissioner Hochschild moved and Commissioner McAllister seconded approval of Item 6. The vote was unanimous (5-0).

7. PROPOSED ADOPTION OF THE GUIDELINES FOR CALIFORNIA'S SOLAR ELECTRIC INCENTIVE PROGRAMS (SENATE BILL 1), SIXTH EDITION. Proposed resolution adopting updated Guidelines for California's Solar Electric Incentive

Programs (Senate Bill 1, Murray, Statutes of 2006) (SB 1). SB 1 established the framework for the California Solar Initiative (CSI), which directs the Energy Commission to develop eligibility criteria, conditions for incentives, and rating standards that must be met to qualify for ratepayer-funded incentives. The New Solar Homes Partnership (NSHP), administered by the Energy Commission, is the only remaining active program under the CSI. The NSHP provides incentives for solar on new residential buildings and was recently reauthorized for the remainder of its legislatively allocated funding. The SB 1 Guidelines are being updated to respond to the extension of the NSHP, and to address updated energy efficiency standards and a maturing solar industry. Contact: James Folkman. (Staff presentation: 5 minutes)

Commissioner Hochschild moved and Commissioner McAllister seconded approval of Item 7. The vote was unanimous (5-0).

8. WATERFORD UNIFIED SCHOOL DISTRICT. Proposed resolution approving Agreement 002-16-ECG for an ECAA-Ed funded loan of \$708,227 at zero percent interest to the Waterford Unified School District located in Stanislaus County. The loan finances energy efficiency projects at two district schools involving exterior lighting and interior lighting including control retrofits. Based on the loan amount and estimated annual energy cost savings, the simple payback is 15 years. The project benefits include energy savings of 375,000 kWh of electricity annually, reducing approximately 129 tons of greenhouse gas emissions, and saving the district an estimated \$47,241 in utility costs annually. (ECAA-Ed funding) Contact: Ron Yasny. (Staff presentation: 5 minutes)

Commissioner McAllister moved and Commissioner Scott seconded approval of Item 8. The vote was unanimous (5-0).

9. BDP TECHNOLOGIES, LLC. Proposed resolution approving Agreement EPC-16-018 with BDP Technologies, LLC for a \$1,565,400 grant to demonstrate a Biological Double-Efficiency Process as an advanced wastewater treatment method that takes place in a single bioreactor resulting in substantial energy and water savings and improved nutrient removal rate. (EPIC funding) Contact: Michael Lozano. (Staff presentation: 5 minutes)

Commissioner Douglas moved and Commissioner McAllister seconded approval of Item 9. The vote was unanimous (5-0).

10. PACIFIC NORTHWEST NATIONAL LABORATORY. Proposed resolution approving Amendment 1 to Contract 600-15-014 with the Pacific Northwest National Laboratory (PNNL) operated by the Battelle Memorial Institute for the U.S. Department of Energy to increase the budget by \$221,333 for a new total of \$442,666 to increase the number of hydrogen fueling station safety plans to be reviewed by PNNL's Hydrogen Safety Panel. (ARFVTP funding) Contact: Christopher Jenks. (Staff presentation: 5 minutes)

Commissioner Scott moved and Commissioner Douglas seconded approval of Item 10. The vote was unanimous (5-0).

11. SANGER UNIFIED SCHOOL DISTRICT. Proposed resolution approving Agreement ARV-16-004 with Sanger Unified School District (SUSD) for a \$500,000 grant to install and operate a compressed natural gas (CNG) fast-fill fueling station at its transportation facility. The station will increase the District's ability to refuel its current CNG school buses and allow the District to expand its CNG vehicle fleet. The new CNG fueling facility will include a fuel management card reader system, making it possible for other districts and outside public entities to utilize the station. (ARFVTP funding) Contact: Taiying Zhang. (Staff presentation: 5 minutes)

Commissioner Scott moved and Commissioner Douglas seconded approval of Item 11. The vote was unanimous (5-0).

12. DISCUSSION OF ENERGY COMMISSION PROGRESS RE IMPLEMENTATION OF THE CLEAN ENERGY AND POLLUTION REDUCTION ACT OF 2015 (SB 350). Staff presentation and Commissioner discussion regarding Energy Commission progress on and planned actions for implementation of SB 350 requirements, including administration of the California Renewables Portfolio program, review of local publicly owned electric utility integrated resource plans, revision of Commission data collection regulations to improve demand forecasting, identification of progress in meeting the Bill's goals of 50% renewables procurement and doubling of energy efficiency, implementation of widespread transportation electrification, and preparation and publication of the study required by Public Resources Code section 25327 regarding barriers for low-income customers to energy efficiency and weatherization investments. Contact: Michael Sokol. (Staff presentation: 5 minutes)
 - a. BARRIERS STUDY UPDATE. Senate Bill 350 identifies that there is an insufficient understanding of the barriers for low-income and disadvantaged communities to access energy efficiency investments, solar photovoltaic energy generation, weatherization, other forms of renewable generation, and contracting opportunities. Energy Commission staff are working to complete a study to be published by January 1, 2017 that identifies barriers and recommends solutions to overcome those barriers. Contact: Alana Mathews. (Staff presentation: 5 minutes)
 - b. ENERGY ANALYSIS AND DATA COLLECTION ACTIVITIES. Update on the progress to implement an Energy Data Lake as a possible solution for the Energy Commission's continued need to collect and analyze large amounts of data from various sources. The Energy Data Lake can provide the Energy Commission with analytical capabilities to easily manage large amounts of disparate data to more effectively perform analysis, decision-making, and information reporting activities to achieve the goals of SB 350. Contact: Christine Awtrey. (Staff presentation: 5 minutes)

Staff presented Information Item 12.

13. **Minutes:** Possible approval of the October 19, 2016 Business Meeting minutes.

Commissioner Scott moved and Commissioner McAllister seconded approval of the October 19, 2016 Business Meeting minutes. The vote was unanimous (5-0).

14. **Lead Commissioner or Presiding Member Reports.** The Commissioners reported on their recent activities.
15. **Chief Counsel's Report:** The Chief Counsel gave a report
16. **Executive Director's Report.** None.
17. **Public Adviser's Report.** The Public Adviser gave a report.
18. **Public Comment:** None.

Appearances:

(*by telephone)

Ramon Abueg, City of Glendale

Christine Godinez, City of Glendale

Gurcharan Bawa, City of Pasadena

*Richard Chien, City and County of San Francisco

There being no further business, the meeting was adjourned.

Respectfully submitted,

Cody Goldthrite

CODY GOLDTHRITTE
Secretariat

